At page 3, line 1, replace "MacDNAsis" with --MACDNASIS--;

At page 3, line 3, replace "Figures 2A and 2B" with --Figures 2A, 2B, and 2C--;

At page 3, line 6, replace "LIFESEQ™" with --the LIFESEQ®--;

At page 3, line 8, replace "Figure 4 shows" with --Figure 4A and 4B show--;

At page 3, line 12, replace "DNAStar" with --DNASTAR--;

At page 3, line 14, replace "NO:3)," with --NO:3)--;

At page 3, line 16, replace "NO:1; the" with --NO:1. The--;

At page 3, line 17, replace "negative Y axis," with --Y axis reflects--;

At page 3, line 17, replace "Figs. 7-10" with --Figures 7, 8, 9, and 10--;

At page 3, line 35, replace "GCG Fragment Assembly System" with --GCG fragment assembly system--;

At page 4, line 4, replace "inserted" with --inserted,--;

At page 4, line 16, replace "DNAStar" with --DNASTAR--;

At page 5, line 19, replace "Figs. 3 and 4" with --Figures 3, 4A, and 4B--;

At page 5, line 20, replace "Fig." with --Figure--;

At page 6, line 17, replace "Figures 1A, 1B, 2A, and 2B" with --Figures 1A, 1B, 1C, 2A, 2B, and 2C--;

At page 7, line 16, replace "Figures 1A, 1B, 2A, and 2B" with --Figures 1A, 1B, 1C, 2A, 2B, and 2C--;

At page 8, line 6, delete "Sequenase®" and insert --SEQUENASE--;

At page 8, line 10, replace "Amplification System" with --amplification system--;

At page 8, line 11, replace "Micro Lab" with --MICROLAB--;

At page 8, line 12, replace "Thermal Cycler" with --thermal cycler--;

At page 9, line 5, replace "PromoterFinder™ Clontech (Palo Alto CA)" with --PROMOTERFINDER (Clontech, Palo Alto, CA)--

At page 9, line 20, delete "devise" and insert --device--;

At page 9, line 21, delete "Genotyper" and insert --GENOTYPER--;

At page 9, line 22, delete "Sequence Navigator™" and insert --SEQUENCE NAVIGATOR--;

28666   2

At page 11, line 30, delete "Bluescript®" and insert --BLUESCRIPT--;

At page 12, line 5, delete "Bluescript®" and insert --BLUESCRIPT phagemid--;

At page 17, line 12, replace "Figs. 3 and 4" with --Figures 3, 4A, and 4B--;

At page 29, line 3, replace "ratio, LD50/ED50" with --ratio ED50/LD50--;

At page 30, line 4, replace "Uni-ZAP™" with --UNIZAP--;

At page 30, line 11, replace "UniZAP" with --UNIZAP--;

At page 30, line 13, replace "pBluescript®" with --pBLUESCRIPT--;

At page 30, line 17, replace "E. Coli host strain XL1-Blue®" with --XL1-BLUE E.coli host strain--;

At page 30, lines 23 through 25, delete "(lot #0024A; Mayo Clinic, Rochester MN) by retropubic prostatectomy. The pathology report indicated Mayo grade 3 of 4 adenocarcinoma (Gleason grade 3+3)";

At page 30, line 31, replace "Homogenizer Polytron-PT 3000" with --Polytron-PT 3000 homogenizer--;

At page 30, line 39, replace "Qiagen Oligotex" with --OLIGOTEX--;

At page 31, line 7, replace "LambdaZap®" with --LAMBDAZAP--;

At page 31, line 8, replace "pBluescript™" with --pBLUESCRIPT--;

At page 31, line 9, replace "XL1-BlueMRF™" with --XL1-BLUEMRF--;

At page 31, line 26, replace "pBluescript®" with --pBLUESCRIPT--;

At page 31, line 31, replace "QIAwell-8 Plasmid Purification" with --QIAWELL-8 plasmid purification--;

At page 31, line 32, replace "System™ from Qiagen®, QIAwell PLUS™, or QIAwell ULTRA™ DNA Purification" with --system or the QIAWELL PLUS or QIAWELL ULTRA DNA purification--;

At page 31, line 33, replace "Systems" with --systems--;

At page 31, line 38, replace "Micro Lab" with --MICROLAB--;

At page 31, line 39, replace "Thermal Cyclers" with --thermal cyclers--;

At page 31, line 40, replace "Sequencing Systems" with --sequencing systems--;

At page 32, line 3, replace "INHERIT™" with --INHERIT--;

28666

3

At page 32, line 4, replace "Sequence Analysis System" with --sequence analysis system--;

At page 32, line 15, replace "INHERIT- 670 Sequence Analysis System" with --INHERIT-670 sequence analysis system--;

At page 33, line 8, replace "LIFESEQ™ database (Incyte, Palo Alto CA)" with --LIFESEQ® database (Incyte Pharmaceuticals, Inc., Palo Alto, CA)--;

At page 33, line 38, delete "U.S. Patent Application 08/487,112, filed June 7, 1995, specifically incorporated by reference";

At page 33, line 40, replace "OLIGO® 4.06 Primer" with --OLIGO 4.06 primer--;

At page 34, line 1, replace "Analysis Software" with --analysis software--;

At page 34, line 14, replace "Thermal Cycler" with --thermal cycler--;

At page 34, line 35, delete "QIAQuick™" and insert --QIAQUICK--;

At page 35, line 43, replace "AR™" with --AR--;

At page 36, line 1, replace "blots" with --blots, or the blots are exposed--;

At page 36, line 2, delete "for several hours";

At page 36, line 11, delete "Figs. 1A, 1B, 2A, and 2B" and insert --Figures 1A, 1B, 1C, 2A, 2B, and 2C--;

At page 36, line 13, delete "Figures 1A, 1B, 2A, and 2B," and insert --Figures 1A, 1B, 1C, 2A, 2B, and 2C--;

At page 36, line 20, delete "Figures 1A, 1B, 2A, and 2B" and insert --Figures 1A, 1B, 1C, 2A, 2B, and 2C--;

At page 37, line 15, replace "DNAStar" with --DNASTAR--;

At page 37, line 19, replace "Figs." with --Figures--;

At page 37, line 21, replace "Peptide Synthesizer Model 431 A" with --431A peptide synthesizer--; and

At page 37, line 36, replace "Sepharose" with --SEPHAROSE--.

28666   4